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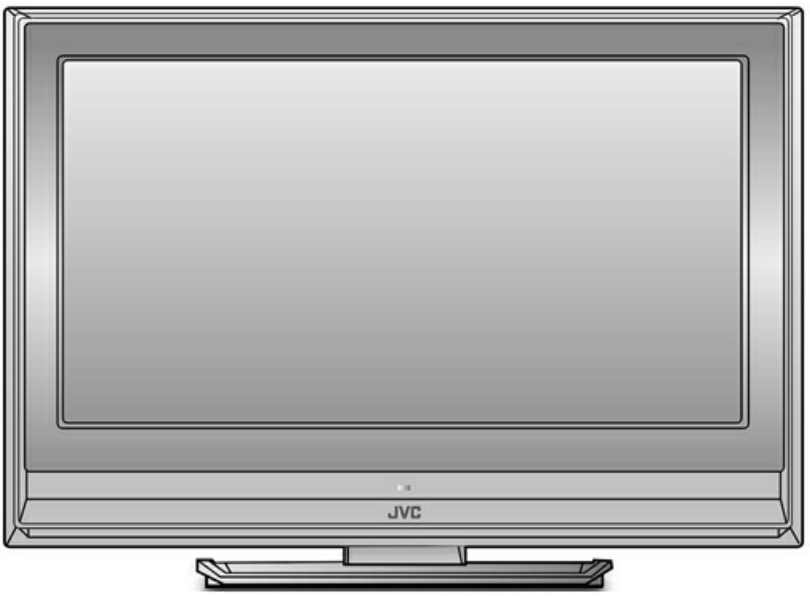
JVC LT-32EX177 INSTRUCTIONS MANUAL



Quick Links

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Remote Control Buttons and Functions
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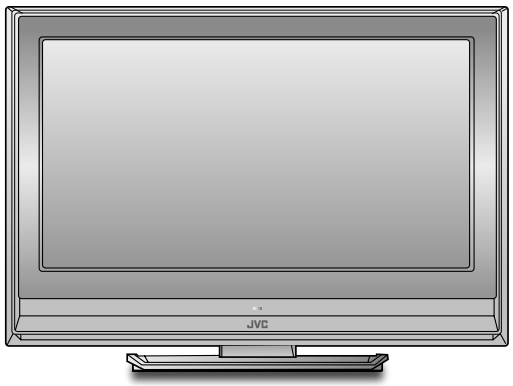
JVC

COLOUR TELEVISION
INSTRUCTIONS



This illustration shows LT-32EX17.

LT-32EX17
LT-32EX177
LT-37EX17
LT-42EX17

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The illustrations of LT-32EX17 is used in this instruction manual for explanation purpose. Your TV may not look exactly the same as illustrated.

GGT0191-001A-H

Thank you for buying this JVC colour television.
To make sure you understand how to use your new TV, please read this manual thoroughly before you begin.

Follow this manual regarding setup!
- Connect only to a 110-240 V, 50/60 Hz AC outlet. (Except China, Russia : connect to a 220-240 V, 50/60 Hz AC outlet)

Do not allow the TV to fall!
- Do not rest your elbows on, or allow children to hang from the TV. There is a risk that the TV will fall and cause injuries.

Never place anything on the TV!
- Placing liquid, naked flames, cloths, paper, etc. on the TV may cause a fire.

Never expose to rain or moisture!
- To prevent fire or electric shock, never allow liquids to enter the unit.

Never insert objects into the cabinet openings!
- It may cause a fatal electric shock. Take care when children are near.

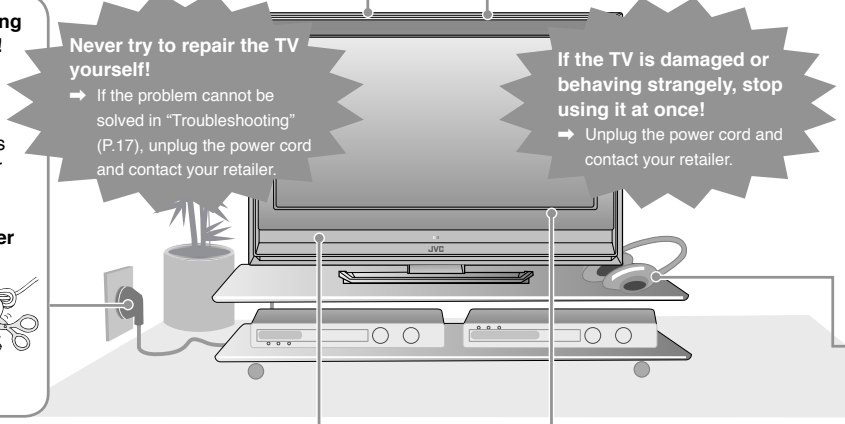
Make enough room for inserting and removing the power plug!

Place the TV as close to the outlet as possible!
- The main power supply for this TV is controlled by inserting or removing the power plug.

Never cut or damage the power cord!
- If the AC plug is not the right shape, or the power cord is not long enough, use an appropriate plug adapter or extension cable. (Consult your retailer.)

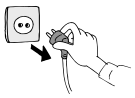
Never try to repair the TV yourself!
➡ If the problem cannot be solved in "Troubleshooting" (P.17), unplug the power cord and contact your retailer.

If the TV is damaged or behaving strangely, stop using it at once!
➡ Unplug the power cord and contact your retailer.



Never listen to headphones at high volume!
- It may damage your hearing.

Unplug the power cord when going out!
- The power buttons on the remote control and the TV unit cannot completely turn off the TV. (Make appropriate arrangements for bedridden people.)



When attaching the TV to the wall, use the optional JVC wall mounting unit!
- Consult a qualified technician.
- See the included manual on mounting procedures.
- JVC assumes no responsibility for damage due to improper mounting.

Never dismantle the rear panel!
- It may cause an electric shock.

Never obstruct the ventilation holes!
- It may cause overheating or a fire.

Handle LCD panel with care!
- Use a soft, dry cloth when cleaning.

Hold the TV so as not to scratch the screen!
- Do not touch the screen when carrying the TV.

Do not carry the TV on your own!
- In order to prevent accidents, ensure that the TV is carried by two or more people.

- For more details on installation, usage and safety ➡ Consult your retailer.

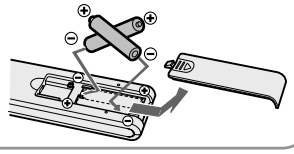
Set up and connections

Check accessories

Remote control
(RM-C1857)

"AAA/R03" Batteries
(For confirming the TV works)

■ Insert the batteries
Use two "AAA/R03" dry cell batteries. Insert the batteries from the ⊖ end, making sure the ⊕ and ⊖ polarities are correct.

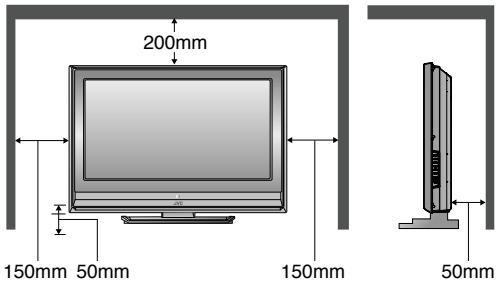


Care when setting

■ **Power requirements**
- Connect the power cord only to a 110-240 V, 50/60 Hz AC outlet. (Except China, Russia : connect to a 220-240 V, 50/60 Hz AC outlet.)

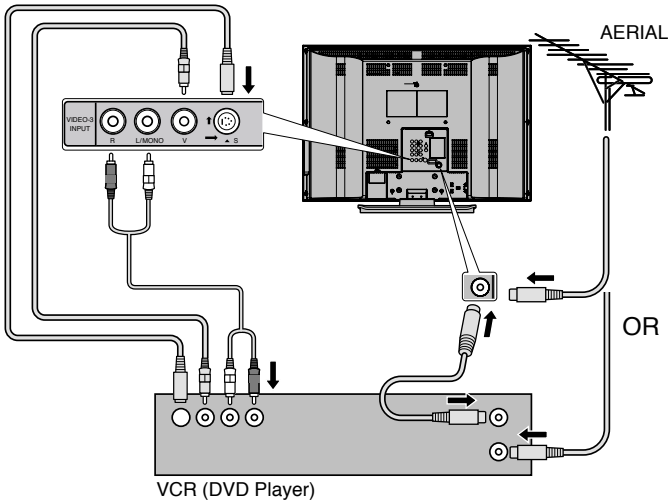
■ **When attaching the TV to the wall, use the optional JVC wall mounting unit.**
- Consult a qualified technician.
- JVC assumes no responsibility for damage due to improper mounting.
- 200 mm x 200 mm mount which conforms to VESA standards.

■ **Installation requirements**
- To avoid overheating, ensure the unit has ample room.



Please read the user manuals of each device carefully before setup.
It is necessary to connect an aerial to watch TV.
■ Connect with other devices ➡ "Connecting external devices" (P.4)

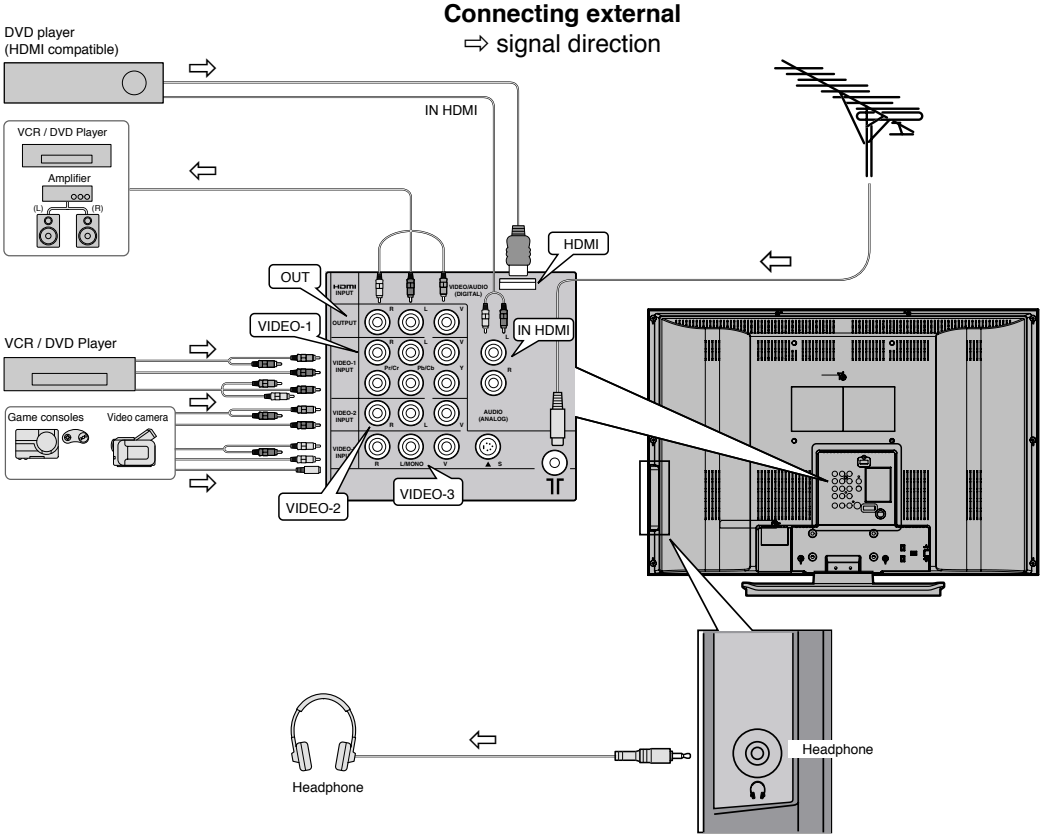
Connect an aerial and VCR / DVD Player



- After all the connections have been made, insert the plug into an AC outlet.
- If both composite and S-VIDEO cables are connected, S-VIDEO will be enable.

You can connect many different devices to the rear panel of the TV.
Please read the user manuals of each device before setting up.
(Connecting cables are not supplied with this TV.)

Connecting external
⇨ signal direction



VIDEO-1 Watching DVDs

Output	Input
	• Composite signal/ Component signal • Sound L / R

Use component signal:
"Video-1 Setting" (Page 15)

VIDEO-2 Watching videos

Output	Input
	• Composite signal • Sound L / R

VIDEO-3 Watching videos

Output	Input
	• Composite signal/ S-VIDEO • Sound L / R

Use S-VIDEO:
If both composite and S-VIDEO cables are connected, S-VIDEO will enable.

HDMI Connecting HDMI devices

Output	Input
	• HDMI signal

• "HDMI Setting" (Page 15)

OUT
Video and sound signal of a TV channel you are viewing outputs from this terminal.

Output
• Composite signal • Sound L / R

Initial settings

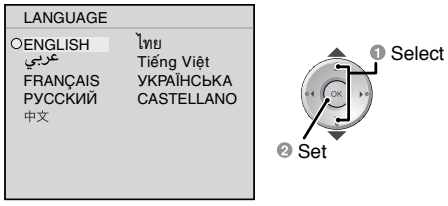
1

Turn on the TV.

- Show only when powering on for the first time.
- The power on the unit can also be used.

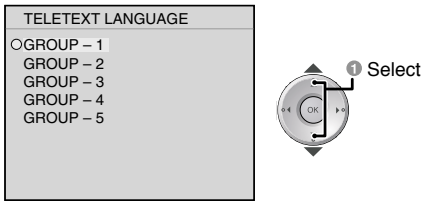
2

Select a language



3

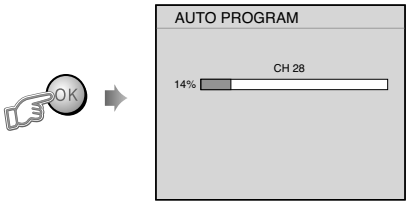
Select the teletext language group



- For the teletext language group
  ➡ “Teletext Language” (P. 12)
- If the characters are unreadable
  ➡ “Teletext Language” (P. 12)

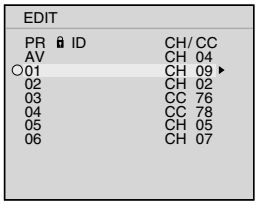
4

Automatically register channels



5

Check what was registered

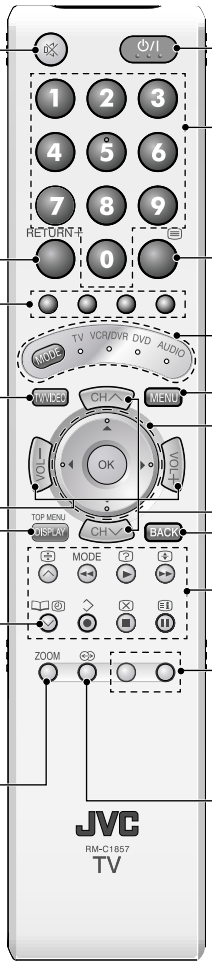


■ Edit Channels
➡ “TV channel presetting” (P. 18)

6

Confirm

Remote control buttons and functions



Turn the volume Off / On

Turn the TV on from standby

RETURN PLUS function
Return to the frequently viewed channel.

Choose the channel you want to programme

RETURN+
Press and hold
→ RETURN PLUS PROGRAMMED!

To cancel

RETURN+
Press and hold
→ RETURN PLUS CANCELED!

RETURN function
If you have not set or have canceled the RETURN PLUS channel, this will return to the previously viewed channel.

Change channel / page

To teletext (P. 12)

Switch between "TV / VCR / DVD / AUDIO" (P. 16)

Display menu on screen menu (P. 8)

Operate the menu

Select Channel
Select the desired channel number.
For Hyper Scan:

CH / CH
Press and hold
PR changes without changing the picture. Once you stop pressing CH or CH button, picture will change to the desired PR.

View the Teletext (P. 12)

Select TV or Video input

Adjust the volume, Turn off Muting

Channel information

FAVOURITE CHANNEL (P. 12)

Change the aspect ratio

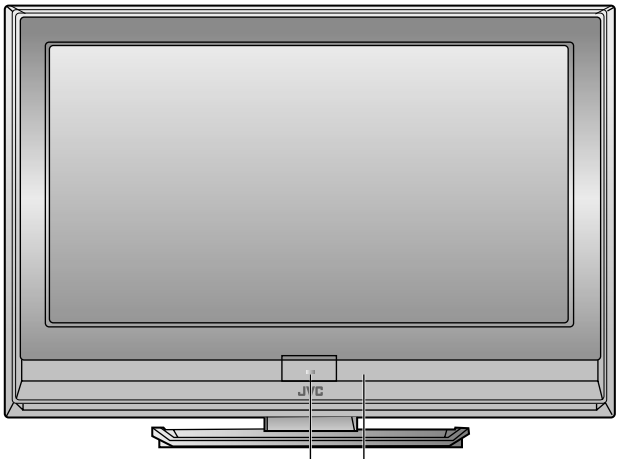
To previous screen

View the Teletext (P. 12)

Not available

Turn on "CINEMA SURROUND"

TV buttons and functions

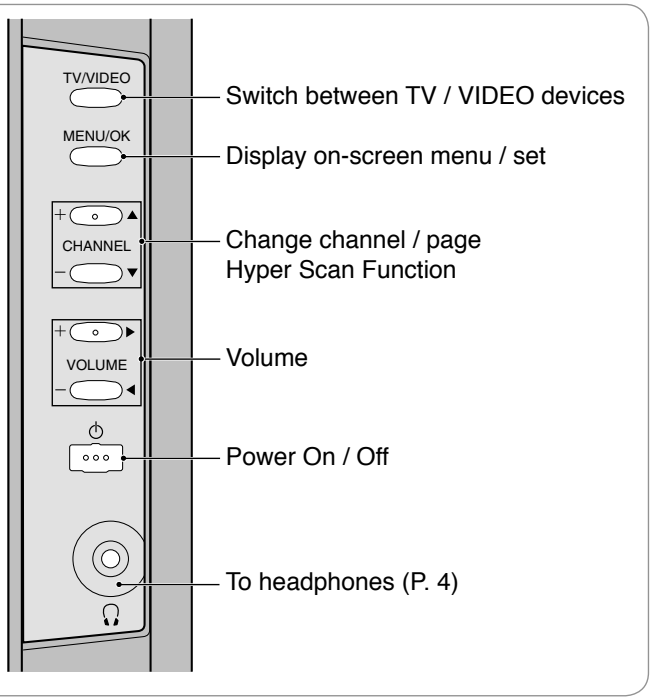


Remote control sensor

Power lamp

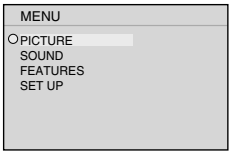
ON: Lit (Green)
OFF: Unlit

- Power lamp lights while the TV is on.

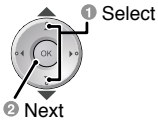


Operating the menus.

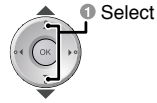
1 Display the menu bar

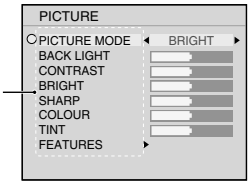


2 Select a menu

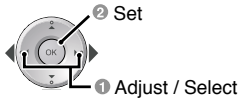


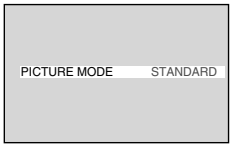
3 Select an item



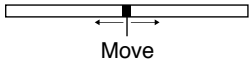


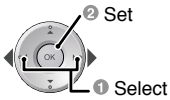
4 Adjust / Configure





■ When adjusting with the sliding-bar

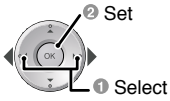




■ When adjusting from presets

◄ STANDARD ►

The item will change.



- Some items have a sub-menu.

Menu	Item	Adjustments / Configurations
PICTURE	PICTURE MODE	Picture mode (BRIGHT / SOFT / STANDARD)
	BACK LIGHT	Backlight brightness (Darker ⟷ Brighter)
	CONTRAST	Contrast (Lower ⟷ Higher)
	BRIGHT	Brightness (Darker ⟷ Brighter)
	SHARP	Sharpness (Softer ⟷ Sharper)
	COLOUR	Colour (Lighter ⟷ Deeper)
	TINT	Tint (Reddish ⟷ Greenish) Only NTSC
	FEATURES	Finer picture adjustments. (WHITE BALANCE / DIGITAL VNR / DigiPure / PULL DOWN / COLOUR MANAGEMENT / PICTURE MANAGEMENT / COLOUR SYSTEM / 4:3 AUTO ASPECT)
SOUND	STEREO / I•II	Mode / Languages (○ : MONO / ○○: STEREO / I : SUB1 / II : SUB2 / MONO)
	BASS	Low tones (Weaker ⟷ Stronger)
	TREBLE	High tones (Weaker ⟷ Stronger)
	BALANCE	Speaker balance (Left Stronger ⟷ Right Stronger)
	CINEMA SURROUND	Ambience level (HIGH / LOW / MONO / OFF)
FEATURES	TIMER	Set timer for turning off or turning on the TV. (ON TIMER / SLEEP TIMER)
	CHANNEL GUARD	Stops children from watching specific channels
	BLUE BACK	Displays a blue screen and mute the sound when the signal is weak or absent. (ON / OFF)
	CHILD LOCK	Disables the front control buttons of the TV. (ON / OFF)
	AUTO SHUTOFF	Set the power to turn off if no signal is received and no operation is performed for about 15 minutes. (ON / OFF)
	FAVOURITE SETTING	Clear favourite channel settings.
	APPEARANCE	Format for displaying the channel number and menu screen (TYPE A / TYPE B).
	ECO MODE	Adjust picture contrast according to room bright. (OFF / ECO-1 / ECO-2)
SET UP	AUTO PROGRAM	Automatically registers channels.
	EDIT / MANUAL	Change registered channels or add new ones.
	LANGUAGE	Select a language for on-screen menus.
	VIDEO-1 SETTING	For use with video players and other devices. (VIDEO / COMPONENT)
	AI VOLUME	Prevent sudden increase or decrease of sound when changing channels. (ON / OFF)
	TELETEXT LANGUAGE	Select a language for Teletext programmes.
	HDMI SETTING	HDMI: Size (1 / 2 / Auto) Audio (DIGITAL / ANALOGUE / AUTO)

Picture setting

COLOUR SYSTEM

You can select the appropriate colour system when the picture is not clear or no colour appears.

(MENU) ➡ (PICTURE menu) ➡ (FEATURES) ➡ (COLOUR SYSTEM)

AUTO ◄► PAL ◄► SECAM ◄► NTSC3.58 ◄► NTSC4.43

For the colour system in each country or region, see the table below:

Area	Country or Region	System
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, Indonesia, Malaysia, Singapore, Thailand, India, China, Vietnam, Hong Kong, etc.	PAL
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	SECAM
	Philippines, Taiwan, Myanmar, etc.	NTSC
Europe	Russia, etc.	SECAM
	Czech Republic, Poland, Germany, Holland, Belgium, UK, etc.	PAL
Oceania	Australia, New Zealand, etc.	PAL
Africa	Republic of South Africa, Nigeria, etc.	PAL
	Egypt, Morocco, etc.	SECAM

PICTURE MODE

You can choose the desired picture setting.

(MENU) ➡ (PICTURE menu) ➡ (PICTURE MODE)

BRIGHT	Heightens contrast and sharpness.
SOFT	Softens contrast and sharpness.
STANDARD	Standard picture setting.

WHITE BALANCE

You can change the white balance of the picture to better match the type of video being viewed.

(MENU) ➡ (PICTURE menu) ➡ (FEATURES) ➡ (WHITE BALANCE)

WARM	Reddish white
COOL	Bluish white
MID	Normal white balance

BACK LIGHT

You can change the backlight brightness.

(MENU) ➡ (PICTURE menu) ➡ (BACK LIGHT)

Choose	◄ : Darker	► : Brighter

CONTRAST

You can change the contrast of the picture.

(MENU) ➡ (PICTURE menu) ➡ (CONTRAST)

Choose	◄ : Lower	► : Higher

BRIGHT

You can change the brightness of the picture.

(MENU) ➡ (PICTURE menu) ➡ (BRIGHT)

Choose	◄ : Darker	► : Brighter

Picture setting (continued)

SHARP

You can change the sharpness of the picture.

MENU ➡ PICTURE menu ➡ SHARP

Choose	◀ : Softer	▶ : Sharper

COLOUR

You can change the sharpness of the picture.

MENU ➡ PICTURE menu ➡ COLOUR

Choose	◀ : Lighter	▶ : Deeper

TINT

You can adjust Tint only in NTSC.

MENU ➡ PICTURE menu ➡ TINT

Choose	◀ : Reddish	▶ : Greenish

DIGITAL VNR

You can cut down the amount of noise in the original picture.

MENU ➡ PICTURE menu ➡ FEATURES ➡ DIGITAL VNR

ON	Reduce the picture noise.
OFF	Function is turned off.

Note: For component progressive and HDMI signal, the DIGITAL VNR function cannot operate.

DigiPure

You can set the picture for a natural-looking outlines.

MENU ➡ PICTURE menu ➡ FEATURES ➡ DigiPure

ON	Set to a natural-looking picture.
OFF	Function is turned off.

PULL DOWN

You can set the picture for smooth cinema film.

MENU ➡ PICTURE menu ➡ FEATURES ➡ PULL DOWN

ON	Function is always on.
AUTO	Automatically adjusts.
OFF	Function is turned off.

ECO MODE

You can adjust TV screen contrast according to the brightness of your room.

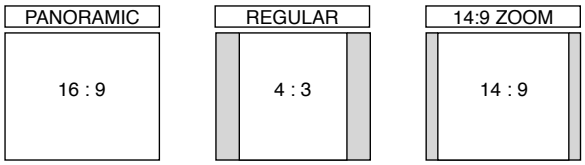
MENU ➡ FEATURES menu ➡ ECO MODE

OFF	Function is turned off.
ECO-1	Mild contrast (recommended)
ECO-2	Even contrast.

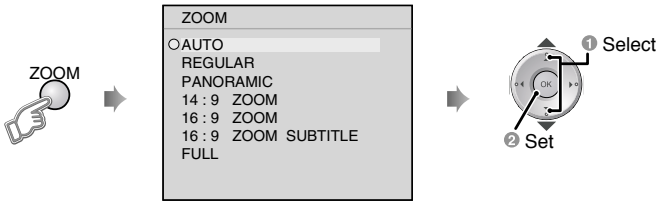
4:3 AUTO ASPECT

You can change the aspect ratio.

(MENU) ➡ (PICTURE menu) ➡ (FEATURES) ➡ (4:3 AUTO ASPECT)



Select a default aspect ratio for Auto in “ZOOM”



- Using “AUTO” : Auto in “ZOOM”
- When 720p (750p) or 1080i (1125i) signal is received, the signal will be displayed as “FULL”. The zoom menu will not be displayed.

BLUE BACK

You can set the TV to automatically change to a blue screen and mute the sound if the signal is weak or absent, or when there is no input from an antenna or connected devices.

(MENU) ➡ (FEATURES menu) ➡ (BLUE BACK)

ON	Function is turned on.
OFF	Function is turned off.

COLOUR MANAGEMENT

You can set the picture for a natural-looking pictures.

(MENU) ➡ (PICTURE menu) ➡ (FEATURES) ➡ (COLOUR MANAGEMENT)

ON	Maintain a natural colour balance.
OFF	Function is turned off.

PICTURE MANAGEMENT

You can fix the brightness and the darkness of the pictures.

(MENU) ➡ (PICTURE menu) ➡ (FEATURES) ➡ (PICTURE MANAGEMENT)

ON	Make it easier to view bright / dark pictures.
OFF	Function is turned off.

DEMO MODE

You can confirm the effect of “PICTURE MANAGEMENT”.

➡ Press (Yellow) to “DEMO MODE”.

The other hand, you can display “DEMO MODE” by press MENU/OK and + VOLUME of TV buttons at the same time.

Original features for picture

TELETEXT

You can watch the Teletext broadcast channel with TEXT function.

1 TV mode → TEXT twin mode → TEXT mode

2 Selecting other Teletext pages.

3 TV/VIDEO to return to the TV mode.

You can also operate the teletext using the following buttons:

(Hold)	Hold a teletext page. To cancel, press the button again.
(Reveal)	Display the hidden information (example: answers to a quiz). To cancel, press the button again.
(Size)	Enlarge the teletext display.
(Cancel)	Watch TV programme while waiting for a teletext page. When the teletext page is found, a page number appears at the upper left of the screen. Press the button to view the teletext page.
(Index)	Return to the index page instantly.
MODE and ◇ (LIST MODE)	Bookmark your favourite page, press MODE button then select a coloured button to save your page to (red, green, yellow and blue). Enter the number of the page to save. Then press ◇ button for save your favourite page. Recall your favourite page, press the coloured button.
(Sub-page)	Sub-page numbers are displayed at the bottom of the screen. To cancel sub-page function, press the button again.

Group	Languages
Group-1	Turkish, Hungarian, English, German, French, Italian, Spanish, Portuguese, Greek, Swedish, Finnish
Group-2	Polish, Serbian, Croatian, Slovenian, Czech, Slovak, Rumanian, Hungarian, German, French, Italian, Swedish, Finnish
Group-3	Russian, Bulgarian, Lettish, Lithuanian, Estonian, Ukrainian, Serbian, Croatian, Slovenian, Czech, Slovak, English, German
Group-4	Arabic, Czech, Slovak, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish
Group-5	Farsi, Czech, Slovak, Hungarian, English, German, French, Italian, Spanish, Portuguese, Swedish, Finnish

• If the character are unreadable. ➡ Select different teletext language group. (P. 5)

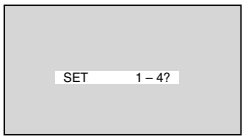
FAVOURITE CHANNEL

You can register and recall 4 favorite channels to a button.

■ **Register the favourite channel:**

1 While the channel is displayed.

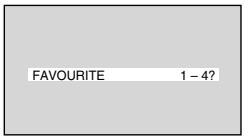
Hold down for 3 seconds.



2 Press the number button (number 1 to 4 button only) to register it on. "PROGRAMMED!" appears on the screen and current channel is registered.

■ **Recall the favourite channel:**

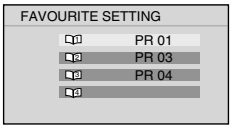
1



2 Press the number you registered. The favorite channel will appear on the screen with mark 🕮 beside the channel number.
Check your favourite channels.
Press TOP MENU DISPLAY and confirm that the channels you have registered have a 🕮 beside them.
If the favourite channel has not been registered, then "NO MEMORY" will be displayed.

■ **Delete the favourite channel:**

1 MENU ➡ FEATURES menu ➡ FAVOURITE SETTING



Select the favourite channel that you want to delete the channel from the Favourite channel.

2 Press (Blue) to delete.

Sound setting

BASS

You can adjust the low tone of the sound.

(MENU) ➡ (SOUND menu) ➡ (BASS)

Choose	◄ : Weaker ► : Stronger

TREBLE

You can adjust the high tone of the sound.

(MENU) ➡ (SOUND menu) ➡ (TREBLE)

Choose	◄ : Weaker ► : Stronger

BALANCE

You can adjust the volume balance between the left and right speakers.

(MENU) ➡ (SOUND menu) ➡ (BALANCE)

Choose	◄ : Turn the left speaker's volume level up.
Choose	► : Turn the right speaker's volume level up.

AI VOLUME

You can prevent sudden increase or decrease of sound when changing channels.

(MENU) ➡ (SET UP menu) ➡ (AI VOLUME)

ON	Set to prevent sudden increase or decrease of sound.
OFF	Function is turned off.

STEREO / I▪II

You can enjoy the stereo and bilingual broadcasted programmes.

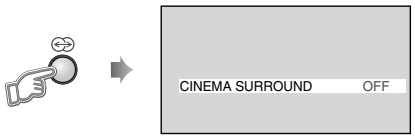
(MENU) ➡ (SOUND menu) ➡ (STEREO / I▪II)

○	Select to MONO sound.
○○	Select to STEREO sound.
I	Select to bilingual sound. (SUB I)
II	Select to bilingual sound. (SUB II)
MONO	Select to MONO sound.

This function is only available in RF mode.

CINEMA SURROUND

You can enjoy an ambient sound.



You can also operate this function from the menu.

(MENU) ➡ (SOUND menu) ➡ (CINEMA SURROUND)

HIGH	For stereo sound
LOW	For stereo sound (when the sound distorts in "HIGH" mode)
MONO	For mono sound (emulates a stereo-like sound)
OFF	Function is turned off.

SOUND SYSTEM

For the sound system in each country or region, see the table below:

Area	Country or Region	System
Asia, Middle East	Bahrain, Kuwait, Oman, Qatar, United Arab Emirates, Yemen, Indonesia, Malaysia, Singapore, Thailand, India, etc	B/G
	China, Vietnam, etc.	D/K
	Hong Kong, etc.	I
	Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	B/G
	Philippines, Taiwan, Myanmar, etc.	M
Europe	Russia, Czech Republic, Poland, etc.	D/K
	Germany, Holland, Belgium, etc.	B/G
	UK, etc.	I
Oceania	Australia, New Zealand, etc.	B/G
Africa	Republic of South Africa, etc.	I
	Nigeria, Egypt, Morocco, etc.	B/G

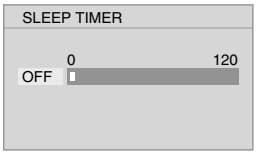
Customized setting

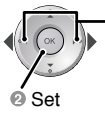
SLEEP TIMER

You can set the TV to turn off automatically to standby mode after a set time.

1 (MENU) ➡ (FEATURES menu) ➡ (TIMER) ➡ (SLEEP TIMER)

2





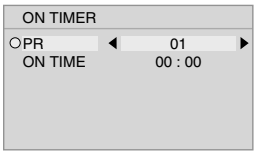
Cancel	Set the time to “0”.
Remaining	You can confirm the remaining time, after repeating this process.

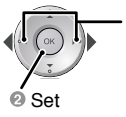
Note : When the remaining elapse time is one minute, “GOODNIGHT” appears on the screen.

ON TIMER

You can set the TV to turn on automatically from standby mode at a set channel and time.

1 (MENU) ➡ (FEATURES menu) ➡ (TIMER) ➡ (ON TIMER)





2 Choose the PR (channel) that you want to watch when the TV turns on. External input and AV position cannot be chosen for PR.

3 Set the ON TIMER to your desired period of time by press the number button. When the ON TIMER is set to other than 00:00, the ON TIMER is activated. You can set the period of time to a maximum of 12 hours in 1 minute intervals.

To off the ON TIMER, set the ON TIMER to 00:00 or press (Blue) button.

Note : If TV is not in standby mode when ON TIMER is reach the setting time, this case is not available.

AUTO SHUTOFF

You can set the TV to turn off automatically when no signal is received for about 15 minutes or longer after the end of a broadcast.

(MENU) ➡ (FEATURES menu) ➡ (AUTO SHUTOFF)

ON	Set the power to turn off.
OFF	Function is turned off.

APPEARANCE

You can set the format for displaying the channel number and menu screen.

(MENU) ➡ (FEATURES menu) ➡ (APPEARANCE)

TYPE A	Set to the transparent format.
TYPE B	Set to the solid format.

CHILD LOCK

You can disable the front control buttons of the TV.

(MENU) ➡ (FEATURES menu) ➡ (CHILD LOCK)

ON	The front control buttons cannot operate.
OFF	Function is turned off.

Customized setting (continued)

LANGUAGE

You can choose the desired on screen display language.

(MENU) ➡ (SET UP menu) ➡ (LANGUAGE)

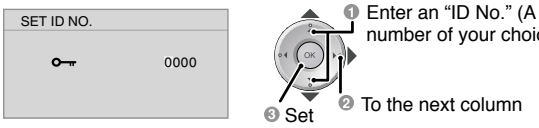
CHANNEL GUARD

You can stop children from watching specific channels.

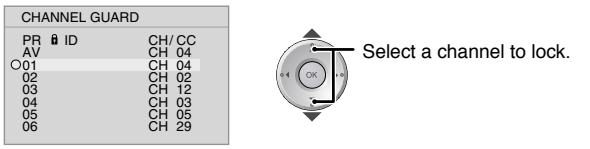
1 (MENU) ➡ (FEATURES menu) ➡ (CHANNEL GUARD)

2

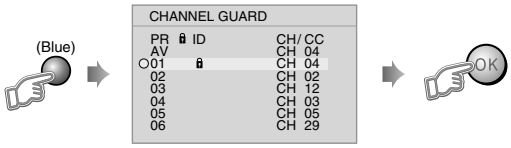
3



4



5



- Lock more channels by repeat step 4 and 5.
- Release a channel by press (Blue) again in step 5.
- View a locked channel by use the numerical buttons to enter the channel number. When 🔒 appears, press TOP MENU DISPLAY and enter your “ID No.” (If you forget your “ID No.”, check it in step 2.)

VIDEO-1 SETTING

You can set the VIDEO-1 SETTING according to the video signal output from external devices connected to the VIDEO-1 terminal.

(MENU) ➡ (SET UP menu) ➡ (VIDEO-1 SETTING)

VIDEO	For normal video signal
COMPONENT	For component video signal

For connection ➡ Page 4.

HDMI SETTING

You can set the HDMI SETTING according to your liking.

(MENU) ➡ (SET UP menu) ➡ (HDMI SETTING)

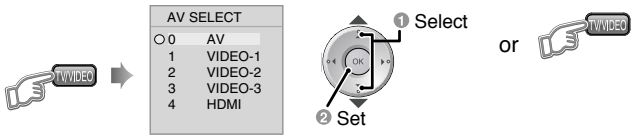
SIZE	1 / 2 / AUTO
AUDIO	DIGITAL / ANALOGUE / AUTO

Note : SIZE is displayed only for 480p signal.

SELECT THE EXTERNAL SOURCE

You can set the AV SELECT according to the connected device.

1

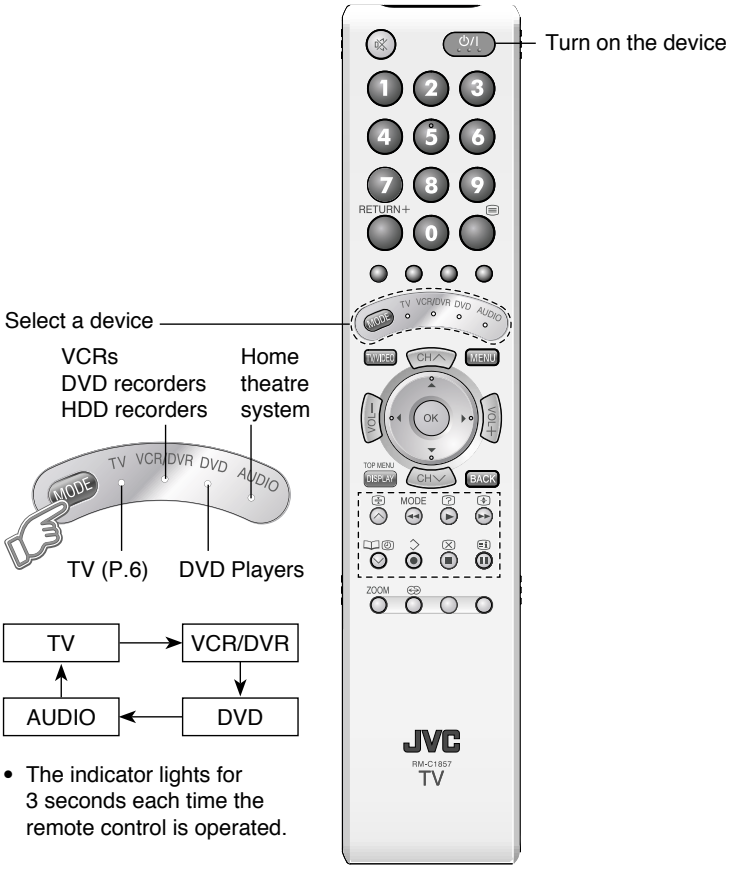


Note : TV/VIDEO button select the video source by move down or use button 0-4 for selection.

2 Operate the connected device.

Operate JVC recorders and other devices

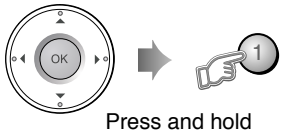
The included remote control can be used to operate JVC recorders and other devices.



- The indicator lights for 3 seconds each time the remote control is operated.

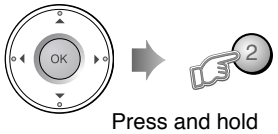
Try changing the remote control code if you cannot operate a recorder.

■ Code A or 1 (Default)



Press and hold

■ Code C or 3



Press and hold

- Confirm the code for your recorder by checking the manual it came with.
- Some models of JVC devices cannot be operated with this remote control.
- JVC DVD recorders and HDD recorders are set to code “C” or “3” by default.

Note:

- If the battery is removed, the remote control code reverts back to code A or 1.

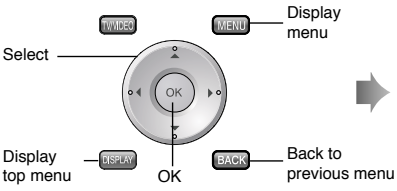
Operate JVC recorders and other devices (continued)

Operate the device

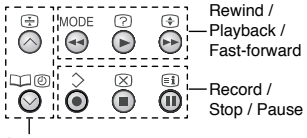
- Other buttons can be used to operate the TV at any time.

Operate the VCR, DVD recorder or HDD recorder (VCR / DVR)

Operate DVD / HDD recorder menus



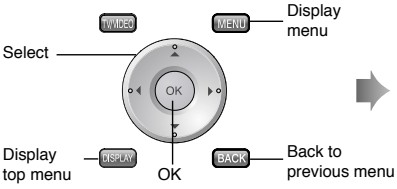
Playback / Record etc.



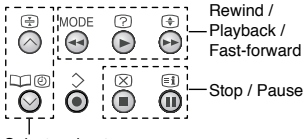
- Display the subtitle (DVD / HDD recorder mode) ➡ press TOP MENU DISPLAY

Operate the DVD player (DVD)

Operate DVD menus



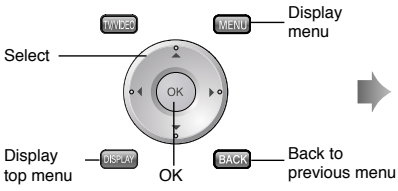
Playback etc.



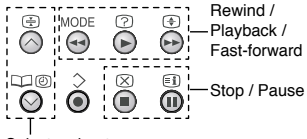
- Display the subtitle ➡ press TOP MENU DISPLAY

Operate the home theatre system (AUDIO)

Operate AUDIO menus



Playback etc.



- Display the subtitle ➡ press TOP MENU DISPLAY
- Mute ➡ press
- Volume ➡ press VOL− VOL+
- Select a surround mode ➡ press

FUNCTIONS

TV channel presetting

To register the TV channels automatically (AUTO PROGRAM)

You can register the TV channels into the TV's channel list (PR LIST) automatically.

1 (MENU) ➡ (SET UP menu) ➡ (AUTO PROGRAM)

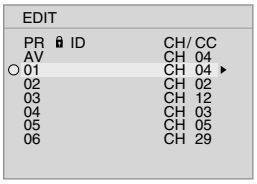
2 or to start and to stop AUTO PROGRAM function.

3 To EDIT / MANUAL menu appears.

To edit the TV channels (EDIT / MANUAL)

1 (MENU) ➡ (SET UP menu) ➡ (EDIT / MANUAL)

2



Select the channel.

3 EDIT or MANUAL the channel.

Move a channel's position (MOVE)

1 Begin Move out

2 Select a destination Select

3 Finish
Move in

Edit a channel name (ID)

1 Begin
(Red)

2 Enter a channel name
❶ Enter the first character.
❸ Set ❷ Next column

Insert a channel (INSERT)

1 Begin
(Green)

2 Select a "CH/CC" Select

3 Enter a number, then receives the broadcast signal.

Delete

1 Delete
(Yellow)

Register a new channel (MANUAL)

1 Begin
(Blue)

2 Beginning channel search

From high frequencies (Red) or (Green) From low frequencies

- Auto-search begins, and the nearest frequency is imported. (Repeat this step until the desired channel is displayed.)
- Channel fine tuning by (Green) / (Blue)
- If the picture or sound is unnatural. ➡ Set a sound system.

3 Finish
Set

Troubleshooting

If a problem occurs when you are using the TV, check the below troubleshooting guide before calling for repair.

Problem	Actions	Page
Severe noise or snow	• Check the aerial cable and TV connections. • Check the direction of the aerial. • Check the aerial or its cable damaged or not.	— — —
Patterns, stripes or noise	• Interference caused by devices such as an amplifier, personal computer, or a hair drier. Move it away from the TV.	—
Ghosting (Doubling of images)	• Interference occurs caused by signal reflecting from mountains or building. Try to adjust the aerial's direction or use another antenna.	—
Cannot turn it on	• Ensure the power cord is connected to the AC outlet correctly.	—
Cannot operate the remote control	• The batteries may be exhausted. Replace with new batteries. • Ensure that you are operating the remote control at less than 7 meters from the front of your TV.	— —
Remote control stops working.	• Unplug TV, several minutes later plug it in again.	—
Front control buttons do not work.	• Switch "CHILD LOCK" to "OFF".	8
Aspect ratio changes unintentionally.	• Press ZOOM to return to your settings.	11
Blue screen appears on the screen.	• Switch "BLUE BACK" to "OFF".	11

Problem	Actions	Page
Poor picture quality	• Unnatural colour >> Adjust "COLOUR" and "BACK LIGHT". Check your "COLOUR SYSTEM". If "AUTO" is selected, select the specific colour system manually. • Noise >> Set to the following functions. PICTURE MODE : STANDARD DigiPure : ON • Dull picture >> Set to the following functions. PICTURE MODE : BRIGHT DigiPure : ON	9 10 10
Strange picture when using an external device.	• If the top of the image is distorted, check the video signal quality itself. • If movement appears unnatural when receiving a signal from a DVD player, etc. with 625p (progressive-scanning), change the output setting of the external device to 625i (interlace-scanning).	— —
Poor sound	• Adjust the "BASS" and "TREBLE". • If receiving a poor signal in "STEREO/I▪II" switch to "MONO". • Adjust the channel reception using "MANUAL".	13 13 18
For HDMI signal, wrong screen size	• Switch "SIZE" in "HDMI SETTING" to "1" or "2".	15
Green and distorted screen for HDMI signal	• Wait a little for the signal to stabilize when switching the signal format for an "HDMI" device.	—

Troubleshooting

If a problem occurs when you are using the TV, check the below troubleshooting guide before calling for repair.

Problem	Actions	Page
No picture, No sound for HDMI signal	• Use the cable marked with HDMI logo. HDMI • Check if the device is compliant with HDMI. • Switch “AUDIO” in “HDMI SETTING” to “DIGITAL” or “AUTO” for HDMI devices, or “ANALOGUE” or “AUTO” for DVI devices.	— — 15
Some functions do not work.	• It is not a malfunction. Some functions (dark background) in the menu do not work depending on the situation.	—
Black or white dots appear on the screen.	• LCD panels use fine dots (“pixels”) to display images. While more than 99.99% of these pixels function properly, a very small number of pixels may not light, or may light all the time. Please understand that this is not a malfunction.	—
No picture, No sound	• Some inputs do not output from OUT terminal.	—

CH/CC List

To use the INSERT function, find the “CH/CC” number corresponding to the TV’s channel number from this table.

US: The US channel numbers are the channel numbers used in the United States, Philippines, etc.

CCIR: The CCIR channel numbers are the channel numbers used in the Middle East, Southeast Asia, etc.

OIRT: The OIRT channel numbers are the channel numbers used in Eastern Europe, Russia, Vietnam, etc.

AUSTRALIA: The AUSTRALIA channel numbers are the channel numbers used in Australia, etc.

CH	Channel			
	US	CCIR	OIRT	AUSTRALIA
CH 02	US-2	E2	R1	AU-0
CH 03	US-3	E3		AU-1
CH 04	US-4	E4	R2	AU-2
CH 05	US-5	E5	R6	AU-6
CH 06	US-6	E6	R7	AU-7
CH 07	US-7	E7	R8	AU-8
CH 08	US-8	E8	R9	AU-9
CH 09	US-9	E9		
CH 10	US-10	E10	R10	AU-10
CH 11	US-11	E11	R11	AU-11
CH 12	US-12	E12	R12	
CH 13	US-13			
CH 14	US-14, W+29			
CH 15	US-15, W+30			
CH 16	US-16, W+31			
CH 17	US-17, W+32			
CH 18	US-18, W+33			
CH 19	US-19, W+34			
CH 20	US-20, W+35			
CH 21	US-21, W+36	E21		
CH 22	US-22, W+37	E22		
CH 23	US-23, W+38	E23		
CH 24	US-24, W+39	E24		
CH 25	US-25, W+40	E25		
CH 26	US-26, W+41	E26		
CH 27	US-27, W+42	E27		
CH 28	US-28, W+43	E28		
CH 29	US-29, W+44	E29		
CH 30	US-30, W+45	E30		
CH 31	US-31, W+46	E31		
CH 32	US-32, W+47	E32		
CH 33	US-33, W+48	E33		
CH 34	US-34, W+49	E34		
CH 35	US-35, W+50	E35		
CH 36	US-36, W+51	E36		
CH 37	US-37, W+52	E37		
CH 38	US-38, W+53	E38		
CH 39	US-39, W+54	E39		
CH 40	US-40, W+55	E40		
CH 41	US-41, W+56	E41		
CH 42	US-42, W+57	E42		
CH 43	US-43, W+58	E43		
CH 44	US-44, W+59	E44		
CH 45	US-45, W+60	E45		
CH 46	US-46, W+61	E46		
CH 47	US-47, W+62	E47		
CH 48	US-48, W+63	E48		
CH 49	US-49, W+64	E49		
CH 50	US-50, W+65	E50		
CH 51	US-51, W+66	E51		
CH 52	US-52, W+67	E52		
CH 53	US-53, W+68	E53		
CH 54	US-54, W+69	E54		
CH 55	US-55, W+70	E55		
CH 56	US-56, W+71	E56		
CH 57	US-57, W+72	E57		
CH 58	US-58, W+73	E58		
CH 59	US-59, W+74	E59		
CH 60	US-60, W+75	E60		
CH 61	US-61, W+76	E61		
CH 62	US-62, W+77	E62		
CH 63	US-63, W+78	E63		
CH 64	US-64, W+79	E64		
CH 65	US-65, W+80	E65		
CH 66	US-66, W+81	E66		
CH 67	US-67, W+82	E67		
CH 68	US-68, W+83	E68		
CH 69	US-69, W+84	E69		

CC	Channel			
	US	CCIR	OIRT	AUSTRALIA
CC 01		S-1		AU-5
CC 02		S-2		
CC 03		S-3		
CC 04		S-4		
CC 05		S-5		
CC 06		S-6		AU-5A
CC 07		S-7		
CC 08		S-8		
CC 09		S-9		
CC 10		S-10		
CC 11		S-11		
CC 12		S-12		
CC 13		S-13		
CC 14	A	S-14		
CC 15	B	S-15		
CC 16	C	S-16		
CC 17	D	S-17		
CC 18	E	S-18		
CC 19	F	S-19		
CC 20	G	S-20		
CC 21	H	S-21		
CC 22	I	S-22		
CC 23	J	S-23		
CC 24	K	S-24		
CC 25	L	S-25		
CC 26	M	S-26		
CC 27	N	S-27		
CC 28	O	S-28		
CC 29	P	S-29		
CC 30	Q	S-30		
CC 31	R	S-31		
CC 32	S	S-32		
CC 33	T	S-33		
CC 34	U	S-34		
CC 35	V	S-35		
CC 36	W	S-36		
CC 37	W+1	S-37		
CC 38	W+2	S-38		
CC 39	W+3	S-39		
CC 40	W+4	S-40		
CC 41	W+5	S-41		
CC 42	W+6			
CC 43	W+7			
CC 44	W+8			
CC 45	W+9			
CC 46	W+10			
CC 47	W+11			
CC 48	W+12			
CC 49	W+13			
CC 50	W+14			
CC 51	W+15			
CC 52	W+16			
CC 53	W+17			
CC 54	W+18			
CC 55	W+19			
CC 56	W+20			
CC 57	W+21			
CC 58	W+22			
CC 59	W+23			
CC 60	W+24			
CC 61	W+25			
CC 62	W+26			
CC 63	W+27			
CC 64	W+28			
CC 75		X		
CC 76		Y	R3	
CC 77		Z	R4	AU-3
CC 78		Z+1	R5	
CC 79		Z+2		AU-4
CC 95	A-5			
CC 96	A-4			
CC 97	A-3			
CC 98	A-2			
CC 99	A-1			

Specification

Main unit

Model	LT-32EX17/LT-32EX177	LT-37EX17	LT-42EX17
Broadcasting systems	B / G / I / D / K / M		
Colour systems	PAL, SECAM, NTSC 3.58 / NTSC 4.43 MHz		
Channels and frequencies	VHF low channel (VL) = 46.25 to 140.25 MHz VHF high channel (VH) = 147.25 to 423.25 MHz UHF channel (U) = 431.25 to 863.25 MHz Receives cable channels in mid band (X to Z+2, S1 to S10), super band (S11 to S20) and hyper band (S21 to S41)		
Sound-multiplex systems	NICAM (I / B / G / D / K), A2 (B / G / D / K)		
Teletext systems	FLOF (Fastext), WST (standard system)		
Power requirements	AC 110 V - 240 V, 50/60 Hz (Except China, Russia : connect to a 220-240 V, 50/60 Hz AC outlet.)		
Audio output (Rated power output)	6 W + 6 W	10 W + 10 W	10 W + 10 W
Speakers	(12 cm x 5 cm) x 2	(16 cm x 4 cm) oblique x 2	(16 cm x 4 cm) oblique x 2
Power consumption [Standby]	115 W [1.4 W]	147 W [1.1 W]	203 W [1.1 W]
Screen size (Visible area size measured diagonally)	80 cm	92 cm	105 cm
Dimensions (W x H x D: mm) [without stand]	800 x 595 x 230 [800 x 545 x 99]	919 x 651.7 x 230 [919 x 603.7 x 108]	1030 x 719.1 x 296 [1030 x 672 x 108]
Weights [without stand]	13.3 kg [12.5 kg]	19.4 kg [18.3 kg]	23.5 kg [22 kg]
Accessories	(See “Check accessories”, ➡ P. 3)		

Terminals / Connectors

Terminal name		Terminal type	Signal type (IN)	Signal type (OUT)	Notes
Input terminals	VIDEO-1	RCA connectors x 6	Composite video, Analogue component (576i (625i) / 480i (525i), Progressive : 576p (625p) / 480p (525p), HD : 1080i (1125i), 720p (750p) AUDIO L/R		
	VIDEO-2	RCA connectors x 3	Composite video, AUDIO L/R		
	VIDEO-3	RCA connectors x 3 S-VIDEO connector x 1	Composite video, S-video, AUDIO L/R		
	HDMI	HDMI connector x 1	HDMI (576i (625i) / 480i (525i) / 576p (625p) / 480p (525p), 1080i (1125i), 720p (750p)		
	IN HDMI	RCA connectors x 2	AUDIO L/R		
Output terminals	MONITOR OUT	RCA connectors x 3		Composite video, Audio L / R	
	Headphone	Stereo mini-jack x 1 (3.5 mm in diameter)		Headphone output	

• We may change the design and specifications without notice.

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